

**LTG-4C**

Date:

## UNCONDITIONED SPACES

Watts

Total Watts

Watts

## G

WATTS  
(E x F)

5. In accordance with Table 146-I

<b>TAILORED METHOD WORKSHEET</b>						(Page 2 of 4)		<b>LTG-4C</b>	
Project Name:						Date:			
<input type="checkbox"/> <b>CONDITIONED SPACES</b>					<input type="checkbox"/> <b>UNCONDITIONED SPACES</b>				

<b>DISPLAY LIGHTING WALLS</b>										
<input type="checkbox"/> Qualifying wall display lighting systems shall be mounted within 10 ft to a wall, See §146(c)3B.										
A	B	C	D	E	F	G	H	I	J	K
Luminaire Description	Mounting Height	Mount Height Factor <sup>1</sup>	<b>ALLOTTED WATTS</b>			<b>DESIGN WATTS</b>				Allowed Watts (Min. F or J)
			Wall Display Length in (Linear Feet)	Wall Display <sup>2</sup> Power (W / foot)	Allowed Watts (C x D x E)	Lumin Code	Lumin QTY	WATTS per LUMIN.	Design Watts (H x I)	
TOTAL LENGTH OF DISPLAY WALLS			Linear feet		TOTAL WATTS Enter on Line 2, Page 1 of LTG-4C					

1. From Table 146-H.  
2. From Table 146-G Column 3.

<b>DISPLAY LIGHTING; FLOORS</b>										
<input checked="" type="checkbox"/> Qualifying floor display lighting systems shall be mounted no closer than 2 ft to a wall, See §146(c)3B.										
A	B	C	D	E	F	G	H	I	J	K
Luminaire Description	MOUNTING HEIGHT	MOUNT HEIGHT FACTOR <sup>3</sup>	<b>ALLOTTED WATTS</b>			<b>DESIGN WATTS</b>				ALLOWED WATTS (Min. F or J)
			FLOOR AREA <sup>4</sup> (ft <sup>2</sup> )	FLOOR DISPLAY <sup>5</sup> Power in W/ft <sup>2</sup>	ALLOTTED WATTS (C x D x E)	LUMIN. CODE	LUMIN. QTY.	WATTS/LUMIN.	DESIGN WATTS (H x I)	
TOTAL AREA FLOOR DISPLAYS			ft <sup>2</sup>		TOTAL WATTS Enter on Line 2, Page 1 of LTG-4C					

3. From Table 146-H as appropriate.  
4. This shall be the floor area of the primary function in accordance with 146(c)3B(ii) and Table-146-G Column 1  
5. From Table 146-G Column 4.

# TAILORED METHOD WORKSHEET

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LTG-4C

Project Name:

Date:

☐ CONDITIONED SPACES

☐ UNCONDITIONED SPACES

## DISPLAY LIGHTING: ORNAMENTAL / SPECIAL EFFECTS

A	B	C	D	E	F	G	H	I
LIGHTING DESCRIPTION	ALLOTTED WATTS			DESIGN WATTS				ALLOWED WATTS (Minimum of D or H)
	FLOOR AREA <sup>1</sup> (ft <sup>2</sup> )	Ornamental/ Special Effects Lighting <sup>2</sup> W/ft <sup>2</sup>	ALLOTTED WATTS (B x C)	LUMINAIRE CODE	QUANTITY	WATTS/ LUMIN.	DESIGN WATTS (F x G)	
Total floor Area		ft <sup>2</sup>		Enter on Line 2, Page 1 of LTG-4C TOTAL WATTS				

1. This shall be the floor area of the primary function in accordance with 146(c)3B(iii) and Table-146-G Column 1

2. See Table 146-G Column 5.

## DISPLAY LIGHTING: VERY VALUABLE MERCHANDISE OR OTHER VERY VALUABLE DISPLAY<sup>3</sup>

A	B	C	D	E	F	G	H	I	J	K	L
LUMINAIRE NAME OR LOCATION	ALLOTTED WATTS					DESIGN WATTS					ALLOWED WATTS (Minimum of D, G or K)
	FLOOR AREA <sup>4</sup> (ft <sup>2</sup> )	VALUABLE DISPLAY POWER <sup>5</sup> W/ft <sup>2</sup>	FUNCTION AREA WATTS (B x C)	DISPLAY CASE AREA <sup>6</sup> (ft <sup>2</sup> )	WATTS PER (ft <sup>2</sup> )	DISPLAY CASE AREA WATTS (E x F)	LUMINAIRE CODE	QUANTITY	WATTS / LUMINAIRE	DESIGN WATTS (I x J)	
		1.0			16						
		1.0			16						
		1.0			16						
		1.0			16						
Total Floor Area		ft <sup>2</sup>	Total Display Case Area: ft <sup>2</sup>				Enter on Line 2, Page 1 of LTG-4C TOTAL WATTS				

3. This allowance is available only for retail merchandise sales, museum, and religious worship in accordance with 146(c)3B(iv).

4. This shall be the floor area of the primary function in accordance with 146(c)3B(iv) and Table-146-G Column 1

5. See §146(c)3B(iv)(a)

6. This shall be the area of the top of the display case.

**TAILORED METHOD WORKSHEET****(Page 4 of 4)****LTG-4C**

Project Name:

Date:

Documentation Author

☐ **CONDITIONED SPACES**☐ **UNCONDITIONED SPACES****ROOM CAVITY RATIO (RCR) WORKSHEET**☐ **RCR < 3.5***Is assumed instead of using one of the calculation methods listed below. Note: Table 146-I provides the lowest lighting power density values for RCRs which are less than 3.5***RECTANGULAR SPACES**

A	B	C	D	E	F
Room Number	Task/Activity Description	Room Length (L) (ft)	Room Width (W) (ft)	Room Cavity Height (H) (ft)	RCR $5 \times H \times (L+W) / (L \times W)$

**NON-RECTANGULAR SPACES**

A	B	C	D	E	F
Room Number	Task/Activity Description	Room Area (A) (ft <sup>2</sup> )	Room Perimeter (P) (ft)	Room Cavity Height (H) (ft)	RCR $2.5 \times H \times P / A$

Use calculations from Column F of this RCR Worksheet to enter into Column C of LTG-4C, Page 1 of 4